CLAIMS

1. An image forming apparatus comprising;

a main body including a medium feed section for Feeding a medium and an image forming section for forming an image on said medium;

a swinging member provided on said main body such that said swinging member can swing freely; and

a feeding member rotatably supported by said swinging member and feeding said medium supplied from said medium feed section to said image forming section.

2. The image forming apparatus according to claim 1, wherein said feeding member is composed of at least one pair of rollers.

3. The image forming apparatus according to claim 2, wherein said swinging member is provided with a medium detection section for detecting said medium.

4. The image forming apparatus according to claim 2, which further comprises a lock mechanism for locking said swinging member to said main body.

5. The image forming apparatus according to claim 2, wherein said swinging member and said main body include positioning elements, respectively, for positioning said swinging member with respect to said main body.

6. The image forming apparatus according to claim 5, wherein said positioning elements are provided in the vicinity of a supporting member for rotatably supporting said pair of rollers.

7. The image forming apparatus according to claim 1, which further comprises a belt unit for transporting said medium fed by said feeding member, said belt unit provided such that said belt unit can be taken out in a direction in which said swinging member is opened with respect to said main body.

8. The image forming apparatus according to claim 7, wherein said belt unit comprises a transferring member.

9. The image forming apparatus according to claim 1, which further comprises a motor which is engaged with and disengaged from said swinging member, said motor being engaged with said swinging member when said swinging member is opened with respect to said main body.

10. The image forming apparatus according to claim 9, wherein said motor is disengaged from said swinging member when said swinging member is closed with respect to said main body.

11. A medium feed device comprising:

a main body;

an image processing section provided in said main body; and

a swinging member provided on said main body such that said swinging member can swing freely; and

a feeding member rotatably supported by said swinging member and feeding said medium supplied from a medium feed section to said image processing section.

12. The medium feed device according to claim 11, wherein said feeding member is composed of at least one pair of rollers.

13. The medium feed device according to claim 12, wherein said swinging member is provided with a medium detection section for detecting said medium.

14. The medium feed device according to claim 13, which further comprises a lock mechanism for locking said swinging member to said main body.

15. The medium feed device according to claim 12, wherein said swinging member and said main body include positioning elements, respectively, for positioning said swinging member with respect to said main body.

16. The medium feed device according to claim 15, wherein said positioning elements are provided in the vicinity of a supporting member for rotatably supporting said pair of rollers.

17. The medium feed device according to claim 11, which further comprises a motor which is engaged with and disengaged from said swinging member, said motor being engaged with said swinging member when said swinging member is opened with respect to said main body.

18. The medium feed device according to claim 17, wherein said motor is disengaged from said swinging member when said swinging member is closed with respect to said main body.